

Title (en)  
DATA TRANSMISSION METHODS AND GATEWAYS

Title (de)  
DATENÜBERTRAGUNGSVERFAHREN UND GATEWAYS

Title (fr)  
PROCÉDÉS DE TRANSMISSION DE DONNÉES ET PASSERELLES

Publication  
**EP 2978277 B1 20200603 (EN)**

Application  
**EP 13885093 A 20130520**

Priority  
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Abstract (en)  
[origin: EP2978277A1] Embodiments of the present invention relate to the field of communications, and provide a data transmission method, apparatus and system. The method includes: detecting whether data transmitted in a received GTP-U data packet is data of a predetermined type; if a result of the detection is that data transmitted in the GTP-U data packet is data of a predetermined type, decapsulating the GTP-U data packet, to obtain the data of the predetermined type and a destination address of the data of the predetermined type; and sending the data of the predetermined type and the destination address to a message gateway, so that the message gateway forwards the data of the predetermined type according to the destination address. A gateway includes: a detection module, a decapsulation module, and a sending module. A message gateway includes: a receiving module and a forwarding module. The data transmission system includes: a gateway and a message gateway. The present invention solves a problem that adding an IP header in front of small data decreases a payload of an IP data packet, which decreases data transmission efficiency, and achieves an effect of improving data transmission efficiency.

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US 2007248064 A1 20071025 - SHAHEEN KAMEL M [US]

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